**Name of Work: Construction of RCC Drains and Culverts at Anugraha layout, Muniswamappa layout and Sai Nagar-2 And Surrounding area in ward No. 03, Yelahanka Satellite Town sub Division**

Date of Pre-Measurement : 14.11.2019

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| | Detailed Measurements | | | | | | | | | |
| 1 | KSRRB300-1. Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the dispossed earth to be levelled neatly after breaking of clods completed as per specifications. KPWD S.R 2018-19. | It No. | | 19.10 | Pg No. | | 130 | | | |
| | **New CC Drain** | | | | | | | | | |
| | **Sai Nagar Phase-2** | | | | | | | | | |
| | **2nd Main Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 15.6m | | 1 | 15.60 | 1.10 | 1.00 | 17.16 | | | |
| | Ch.15.6 to 18.6m | | 1 | 3.00 | 1.10 | 1.00 | 3.30 | | | |
| | Ch.18.6 to 35.5m | | 1 | 16.90 | 1.10 | 1.00 | 18.59 | | | |
| | Ch.35.5 to 38.0m | | 1 | 2.50 | 1.10 | 1.00 | 2.75 | | | |
| | Ch.38.0 to 68.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.68.0 to 71.7m | | 1 | 3.70 | 1.10 | 1.00 | 4.07 | | | |
| | Ch.71.7 to 74.7m | | 1 | 3.00 | 1.10 | 1.00 | 3.30 | | | |
| | Ch.74.7 to 91.3m | | 1 | 16.60 | 1.10 | 1.00 | 18.26 | | | |
| | Ch.91.3 to 99.4m | | 1 | 8.10 | 1.10 | 1.00 | 8.91 | | | |
| | Ch.99.4 to 108.2m | | 1 | 8.80 | 1.10 | 1.00 | 9.68 | | | |
| | Ch.108.2 to 114m | | 1 | 5.80 | 1.10 | 1.00 | 6.38 | | | |
| | Ch.114.0 to 117.5m | | 1 | 3.50 | 1.10 | 1.00 | 3.85 | | | |
| | Ch.117.5 to 123.8m | | 1 | 6.30 | 1.10 | 1.00 | 6.93 | | | |
| | Ch.123.8 to 132.8m | | 1 | 9.00 | 1.10 | 1.00 | 9.90 | | | |
| | Ch.132.8 to 135.8m | | 1 | 3.00 | 1.10 | 1.00 | 3.30 | | | |
| | Ch.135.8 to 158.2m | | 1 | 22.40 | 1.10 | 1.00 | 24.64 | | | |
| | Ch.158.2 to 161.7m | | 1 | 3.50 | 1.10 | 1.00 | 3.85 | | | |
| | Ch.161.7 to 191.30m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.191.30 to 213.0m | | 1 | 21.30 | 1.10 | 1.00 | 23.43 | | | |
| | Ch.213.0 to 218.7m | | 1 | 5.70 | 1.10 | 1.00 | 6.27 | | | |
| | Ch.218.7 to 248.7m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.248.7 to 250m | | 1 | 1.30 | 1.10 | 1.00 | 1.43 | | | |
| | **1st Main Road** | | | | | | | | | |
| | **LHS** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.30.0 to 35.6m | | 1 | 5.60 | 1.10 | 1.00 | 6.16 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.30.0 to 55.0m | | 1 | 25.00 | 1.10 | 1.00 | 27.50 | | | |
| | Ch.55.0 to 73.7m | | 1 | 18.70 | 1.10 | 1.00 | 20.57 | | | |
| | Ch.73.7 to 91.8m | | 1 | 18.10 | 1.10 | 1.00 | 19.91 | | | |
| | Ch.91.8 to 107.6m | | 1 | 15.80 | 1.10 | 1.00 | 17.38 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 15.3m | | 1 | 15.30 | 1.10 | 1.00 | 16.83 | | | |
| | Ch.15.3 to 31.3m | | 1 | 16.00 | 1.10 | 1.00 | 17.60 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 12.7m | | 1 | 12.70 | 1.10 | 1.00 | 13.97 | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | 1.10 | 1.00 | 28.93 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | 1.10 | 1.00 | 28.93 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 29.1m | | 1 | 29.10 | 1.10 | 1.00 | 32.01 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 20.3m | | 1 | 20.30 | 1.10 | 1.00 | 22.33 | | | |
| | Ch.20.3 to 29.8m | | 1 | 9.50 | 1.10 | 1.00 | 10.45 | | | |
| | Ch.29.8 to 40.2m | | 1 | 10.40 | 1.10 | 1.00 | 11.44 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.30.0 to 40.0m | | 1 | 10.00 | 1.10 | 1.00 | 11.00 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.30.0 to 38.0m | | 1 | 8.00 | 1.10 | 1.00 | 8.80 | | | |
| | **1st Cross Road** | | | | | | | | | |
| | **RHS From main road** | | | | | | | | | |
| | Ch.0.00 to 22.4m | | 1 | 22.40 | 1.10 | 1.00 | 24.64 | | | |
| | Ch.22.4 to 32.0m | | 1 | 9.60 | 1.10 | 1.00 | 10.56 | | | |
| | Ch.32.0 to 36.4m | | 1 | 4.40 | 1.10 | 1.00 | 4.84 | | | |
| | Ch.36.4 to 52.2m | | 1 | 15.80 | 1.10 | 1.00 | 17.38 | | | |
| | **LHS From End** | | 1 | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.30.0 to 52.4m | | 1 | 22.40 | 1.10 | 1.00 | 24.64 | | | |
| | **7th Cross Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.30.0 to 44.4m | | 1 | 14.40 | 1.10 | 1.00 | 15.84 | | | |
| | Ch.44.4 to 53.4m | | 1 | 9.00 | | | | | | |
| | **RHS From main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.30.0 to 53.4m | | 1 | 23.40 | 1.10 | 1.00 | 25.74 | | | |
| | **Anugraha layout** | | | | | | | | | |
| | **2nd Cross Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | 1.10 | 1.00 | 11.44 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | 1.10 | 1.00 | 33.00 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | 1.10 | 1.00 | 11.44 | | | |
| | **New Kerb** | | | | | | | | | |
| | **Sai Nagar Phase-2** | | | | | | | | | |
| | **2nd Main Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 15.6m | | 1 | 15.60 | 0.20 | 0.20 | 0.62 | | | |
| | Ch.15.6 to 18.6m | | 1 | 3.00 | 0.20 | 0.20 | 0.12 | | | |
| | Ch.18.6 to 35.5m | | 1 | 16.90 | 0.20 | 0.20 | 0.68 | | C.C.F.C | |
| | Ch.35.5 to 38.0m | | 1 | 2.50 | 0.20 | 0.20 | 0.10 | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | Ch.38.0 to 68.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.68.0 to 71.7m | | 1 | 3.70 | 0.20 | 0.20 | 0.15 | | | |
| | Ch.71.7 to 74.7m | | 1 | 3.00 | 0.20 | 0.20 | 0.12 | | | |
| | Ch.74.7 to 91.3m | | 1 | 16.60 | 0.20 | 0.20 | 0.66 | | | |
| | Ch.91.3 to 99.4m | | 1 | 8.10 | 0.20 | 0.20 | 0.32 | | | |
| | Ch.99.4 to 108.2m | | 1 | 8.80 | 0.20 | 0.20 | 0.35 | | | |
| | Ch.108.2 to 114m | | 1 | 5.80 | 0.20 | 0.20 | 0.23 | | | |
| | Ch.114.0 to 117.5m | | 1 | 3.50 | 0.20 | 0.20 | 0.14 | | | |
| | Ch.117.5 to 123.8m | | 1 | 6.30 | 0.20 | 0.20 | 0.25 | | | |
| | Ch.123.8 to 132.8m | | 1 | 9.00 | 0.20 | 0.20 | 0.36 | | | |
| | Ch.132.8 to 135.8m | | 1 | 3.00 | 0.20 | 0.20 | 0.12 | | | |
| | Ch.135.8 to 158.2m | | 1 | 22.40 | 0.20 | 0.20 | 0.90 | | | |
| | Ch.158.2 to 161.7m | | 1 | 3.50 | 0.20 | 0.20 | 0.14 | | | |
| | Ch.161.7 to 191.30m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.191.30 to 213.0m | | 1 | 21.30 | 0.20 | 0.20 | 0.85 | | | |
| | Ch.213.0 to 218.7m | | 1 | 5.70 | 0.20 | 0.20 | 0.23 | | | |
| | Ch.218.7 to 248.7m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.248.7 to 250m | | 1 | 1.30 | 0.20 | 0.20 | 0.05 | | | |
| | **1st Main Road** | | | | | | | | | |
| | **LHS** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.30.0 to 35.6m | | 1 | 5.60 | 0.20 | 0.20 | 0.22 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.30.0 to 55.0m | | 1 | 25.00 | 0.20 | 0.20 | 1.00 | | | |
| | Ch.55.0 to 73.7m | | 1 | 18.70 | 0.20 | 0.20 | 0.75 | | | |
| | Ch.73.7 to 91.8m | | 1 | 18.10 | 0.20 | 0.20 | 0.72 | | | |
| | Ch.91.8 to 107.6m | | 1 | 15.80 | 0.20 | 0.20 | 0.63 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 15.3m | | 1 | 15.30 | 0.20 | 0.20 | 0.61 | | | |
| | Ch.15.3 to 31.3m | | 1 | 16.00 | 0.20 | 0.20 | 0.64 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 12.7m | | 1 | 12.70 | 0.20 | 0.20 | 0.51 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | 0.20 | 0.20 | 1.05 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | 0.20 | 0.20 | 1.05 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 29.1m | | 1 | 29.10 | 0.20 | 0.20 | 1.16 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 20.3m | | 1 | 20.30 | 0.20 | 0.20 | 0.81 | | | |
| | Ch.20.3 to 29.8m | | 1 | 9.50 | 0.20 | 0.20 | 0.38 | | | |
| | Ch.29.8 to 40.2m | | 1 | 10.40 | 0.20 | 0.20 | 0.42 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.30.0 to 40.0m | | 1 | 10.00 | 0.20 | 0.20 | 0.40 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.30.0 to 38.0m | | 1 | 8.00 | 0.20 | 0.20 | 0.32 | | | |
| | **Anugraha layout** | | | | | | | | | |
| | **2nd Cross Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | 0.20 | 0.20 | 0.42 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | 0.20 | 0.20 | 1.20 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | 0.20 | 0.20 | 0.42 | | | |
| | | | | | | **Present Qty** | **1314.65** | **Cum** | **211.79** | **278429** |

Contractor PMC Assistant Engineer Asst. Executive Engineer

14.11.2019

**Name of Work: Construction of RCC Drains and Culverts at Anugraha layout, Muniswamappa layout and Sai Nagar-2 And Surrounding area in ward No. 03, Yelahanka Satellite Town sub Division**

Date of Pre-Measurement : 4.12.2019

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including cost of materials, labour, HOM completed as per specifications. KPWD S.R 2018-19. | It No. | 34.1 | Pg No. | 254 | | | | | |
| | **New CC Drain** | | | | | | | | | |
| | **Sai Nagar Phase-2** | | | | | | | | | |
| | **2nd Main Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 15.6m | | 1 | 15.60 | 1.10 | 0.15 | 2.57 | | | |
| | Ch.15.6 to 18.6m | | 1 | 3.00 | 1.10 | 0.15 | 0.50 | | | |
| | Ch.18.6 to 35.5m | | 1 | 16.90 | 1.10 | 0.15 | 2.79 | | | |
| | Ch.35.5 to 38.0m | | 1 | 2.50 | 1.10 | 0.15 | 0.41 | | | |
| | Ch.38.0 to 68.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.68.0 to 71.7m | | 1 | 3.70 | 1.10 | 0.15 | 0.61 | | | |
| | Ch.71.7 to 74.7m | | 1 | 3.00 | 1.10 | 0.15 | 0.50 | | | |
| | Ch.74.7 to 91.3m | | 1 | 16.60 | 1.10 | 0.15 | 2.74 | | | |
| | Ch.91.3 to 99.4m | | 1 | 8.10 | 1.10 | 0.15 | 1.34 | | | |
| | Ch.99.4 to 108.2m | | 1 | 8.80 | 1.10 | 0.15 | 1.45 | | | |
| | Ch.108.2 to 114m | | 1 | 5.80 | 1.10 | 0.15 | 0.96 | | | |
| | Ch.114.0 to 117.5m | | 1 | 3.50 | 1.10 | 0.15 | 0.58 | | | |
| | Ch.117.5 to 123.8m | | 1 | 6.30 | 1.10 | 0.15 | 1.04 | | | |
| | Ch.123.8 to 132.8m | | 1 | 9.00 | 1.10 | 0.15 | 1.49 | | | |
| | Ch.132.8 to 135.8m | | 1 | 3.00 | 1.10 | 0.15 | 0.50 | | | |
| | Ch.135.8 to 158.2m | | 1 | 22.40 | 1.10 | 0.15 | 3.70 | | | |
| | Ch.158.2 to 161.7m | | 1 | 3.50 | 1.10 | 0.15 | 0.58 | | | |
| | Ch.161.7 to 191.30m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.191.30 to 213.0m | | 1 | 21.30 | 1.10 | 0.15 | 3.51 | | | |
| | Ch.213.0 to 218.7m | | 1 | 5.70 | 1.10 | 0.15 | 0.94 | | | |
| | Ch.218.7 to 248.7m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.248.7 to 250m | | 1 | 1.30 | 1.10 | 0.15 | 0.21 | | | |
| | **1st Main Road** | | | | | | | | | |
| | **LHS** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.30.0 to 35.6m | | 1 | 5.60 | 1.10 | 0.15 | 0.92 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.30.0 to 55.0m | | 1 | 25.00 | 1.10 | 0.15 | 4.13 | | | |
| | Ch.55.0 to 73.7m | | 1 | 18.70 | 1.10 | 0.15 | 3.09 | | | |
| | Ch.73.7 to 91.8m | | 1 | 18.10 | 1.10 | 0.15 | 2.99 | | | |
| | Ch.91.8 to 107.6m | | 1 | 15.80 | 1.10 | 0.15 | 2.61 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 15.3m | | 1 | 15.30 | 1.10 | 0.15 | 2.52 | | | |
| | Ch.15.3 to 31.3m | | 1 | 16.00 | 1.10 | 0.15 | 2.64 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | **RHS From end** | | | | | | | | C & FC | |
| | Ch.0.00 to 12.7m | | 1 | 12.70 | 1.10 | 0.15 | 2.10 | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | 1.10 | 0.15 | 4.34 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | 1.10 | 0.15 | 4.34 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 29.1m | | 1 | 29.10 | 1.10 | 0.15 | 4.80 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 20.3m | | 1 | 20.30 | 1.10 | 0.15 | 3.35 | | | |
| | Ch.20.3 to 29.8m | | 1 | 9.50 | 1.10 | 0.15 | 1.57 | | | |
| | Ch.29.8 to 40.2m | | 1 | 10.40 | 1.10 | 0.15 | 1.72 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.30.0 to 40.0m | | 1 | 10.00 | 1.10 | 0.15 | 1.65 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.30.0 to 38.0m | | 1 | 8.00 | 1.10 | 0.15 | 1.32 | | | |
| | **1st Cross Road** | | | | | | | | | |
| | **RHS From main road** | | | | | | | | | |
| | Ch.0.00 to 22.4m | | 1 | 22.40 | 1.10 | 0.15 | 3.70 | | | |
| | Ch.22.4 to 32.0m | | 1 | 9.60 | 1.10 | 0.15 | 1.58 | | | |
| | Ch.32.0 to 36.4m | | 1 | 4.40 | 1.10 | 0.15 | 0.73 | | | |
| | Ch.36.4 to 52.2m | | 1 | 15.80 | 1.10 | 0.15 | 2.61 | | | |
| | **LHS From End** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.30.0 to 52.4m | | 1 | 22.40 | 1.10 | 0.15 | 3.70 | | | |
| | **7th Cross Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.30.0 to 44.4m | | 1 | 14.40 | 1.10 | 0.15 | 2.38 | | | |
| | Ch.44.4 to 53.4m | | 1 | 9.00 | | | | | | |
| | **RHS From main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.30.0 to 53.4m | | 1 | 23.40 | 1.10 | 0.15 | 3.86 | | | |
| | **Anugraha layout** | | | | | | | | | |
| | **2nd Cross Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | 1.10 | 0.15 | 1.72 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | 1.10 | 0.15 | 1.72 | | | |
| | **New Kerb** | | | | | | | | | |
| | **Sai Nagar Phase-2** | | | | | | | | | |
| | **2nd Main Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 15.6m | | 1 | 15.60 | 0.20 | 0.10 | 0.31 | | | |
| | Ch.15.6 to 18.6m | | 1 | 3.00 | 0.20 | 0.10 | 0.06 | | | |
| | Ch.18.6 to 35.5m | | 1 | 16.90 | 0.20 | 0.10 | 0.34 | | | |
| | Ch.35.5 to 38.0m | | 1 | 2.50 | 0.20 | 0.10 | 0.05 | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ch.38.0 to 68.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.68.0 to 71.7m | | 1 | 3.70 | 0.20 | 0.10 | 0.07 | | | |
| | Ch.71.7 to 74.7m | | 1 | 3.00 | 0.20 | 0.10 | 0.06 | | | |
| | Ch.74.7 to 91.3m | | 1 | 16.60 | 0.20 | 0.10 | 0.33 | | | |
| | Ch.91.3 to 99.4m | | 1 | 8.10 | 0.20 | 0.10 | 0.16 | | | |
| | Ch.99.4 to 108.2m | | 1 | 8.80 | 0.20 | 0.10 | 0.18 | | | |
| | Ch.108.2 to 114m | | 1 | 5.80 | 0.20 | 0.10 | 0.12 | | | |
| | Ch.114.0 to 117.5m | | 1 | 3.50 | 0.20 | 0.10 | 0.07 | | | |
| | Ch.117.5 to 123.8m | | 1 | 6.30 | 0.20 | 0.10 | 0.13 | | | |
| | Ch.123.8 to 132.8m | | 1 | 9.00 | 0.20 | 0.10 | 0.18 | | | |
| | Ch.132.8 to 135.8m | | 1 | 3.00 | 0.20 | 0.10 | 0.06 | | | |
| | Ch.135.8 to 158.2m | | 1 | 22.40 | 0.20 | 0.10 | 0.45 | | | |
| | Ch.158.2 to 161.7m | | 1 | 3.50 | 0.20 | 0.10 | 0.07 | | | |
| | Ch.161.7 to 191.30m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.191.30 to 213.0m | | 1 | 21.30 | 0.20 | 0.10 | 0.43 | | | |
| | Ch.213.0 to 218.7m | | 1 | 5.70 | 0.20 | 0.10 | 0.11 | | | |
| | Ch.218.7 to 248.7m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.248.7 to 250m | | 1 | 1.30 | 0.20 | 0.10 | 0.03 | | | |
| | **1st Main Road** | | | | | | | | | |
| | **LHS** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.30.0 to 35.6m | | 1 | 5.60 | 0.20 | 0.10 | 0.11 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.30.0 to 55.0m | | 1 | 25.00 | 0.20 | 0.10 | 0.50 | | | |
| | Ch.55.0 to 73.7m | | 1 | 18.70 | 0.20 | 0.10 | 0.37 | | | |
| | Ch.73.7 to 91.8m | | 1 | 18.10 | 0.20 | 0.10 | 0.36 | | | |
| | Ch.91.8 to 107.6m | | 1 | 15.80 | 0.20 | 0.10 | 0.32 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 15.3m | | 1 | 15.30 | 0.20 | 0.10 | 0.31 | | | |
| | Ch.15.3 to 31.3m | | 1 | 16.00 | 0.20 | 0.10 | 0.32 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 12.7m | | 1 | 12.20 | 0.20 | 0.10 | 0.25 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | 0.20 | 0.10 | 0.55 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | 0.20 | 0.10 | 0.53 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 29.1m | | 1 | 29.10 | 0.20 | 0.10 | 0.58 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 20.3m | | 1 | 20.30 | 0.20 | 0.10 | 0.41 | | | |
| | Ch.20.3 to 29.8m | | 1 | 9.50 | 0.20 | 0.10 | 0.19 | | | |
| | Ch.29.8 to 40.2m | | 1 | 10.40 | 0.20 | 0.10 | 0.21 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.30.0 to 40.0m | | 1 | 10.00 | 0.20 | 0.10 | 0.20 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.30.0 to 38.0m | | 1 | 8.00 | 0.20 | 0.10 | 0.16 | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | **Anugraha layout** | | | | | | | | | |
| | **2nd Cross Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | 0.20 | 0.10 | 0.21 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | 0.20 | 0.10 | 0.21 | | | |
| | | | | | | **Present Qty** | **210.61** | **Cum** | **4479.56** | **943429** |

Contractor PMC Assistant Engineer

Asst Executive Engineer

4.12.2019

**Name of Work: Construction of RCC Drains and Culverts at Anugraha layout, Muniswamappa layout and Sai Nagar -2 And Surrounding area in ward No. 03, Yelahanka Satellite Town sub Division**

Date of Pre-Measurement : 23.11.2019

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 3 | KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. S.R 2018-19. It No. 34.1 Pg No. 254 | | | | | | | | KPWD | |
| | **Sai Nagar Phase-2** | | | | | | | | | |
| | **2nd Main Road** | | | | | | | | | |
| | Total drain length=250.1m | | | | | | | | | |
| | Main bar 10mm dia bar @ 130mm | | | | | | | | | |
| | 0.60kg/mtr | | | | | | | | | |
| | No of U-bar=1924.00Nos | | 1924 | 2.15 | | 0.60 | 2481.7615 | | | |
| | Distribution bar | | | | | | | | | |
| | Distribution bar 08mm dia @ 150mm | | | | | | | | | |
| | 0.60kg/mtr | | 16 | 250.1 | | 0.60 | 2400.96 | | | |
| | **1st Main Road** | | | | | | | | | |
| | Total drain length=447.1m | | | | | | | | | |
| | Main bar 10mm dia bar @ 130mm | | | | | | | | | |
| | 0.60kg/mtr | | | | | | | | | |
| | No of U-bar=3439.00Nos | | 3439 | 2.15 | | 0.60 | 4436.6077 | | | |
| | Distribution bar | | | | | | | | | |
| | Distribution bar 08mm dia @ 150mm | | | | | | | | | |
| | 0.60kg/mtr | | 16 | 447.1 | | 0.60 | 4292.16 | | | |
| | **1st Cross Road** | | | | | | | | | |
| | Total drain length=104.4m | | | | | | | | | |
| | Main bar 10mm dia bar @ 130mm | | | | | | | | | |
| | 0.60kg/mtr | | | | | | | | | |
| | No of U-bar=3439.00Nos | | 803 | 2.15 | | 0.60 | 1035.9692 | | | |
| | Distribution bar | | | | | | | | | |
| | Distribution bar 08mm dia @ 150mm | | | | | | | | | |
| | 0.60kg/mtr | | 16 | 104.4 | | 0.60 | 1002.24 | | | |
| | **7th Cross Road** | | | | | | | | | |
| | Total drain length=106.8m | | | | | | | | | |
| | Main bar 10mm dia bar @ 130mm | | | | | | | | | |
| | 0.60kg/mtr | | | | | | | | | |
| | No of U-bar=822.00Nos | | 822 | 2.15 | | 0.60 | 1059.7846 | | | |
| | Distribution bar | | | | | | | | | |
| | Distribution bar 08mm dia @ 150mm | | | | | | | | | |
| | 0.60kg/mtr | | 16 | 106.8 | | 0.60 | 1025.28 | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | **Anugraha layout** | | | | | | | | | |
| | **2nd Cross Road** | | | | | | | | | |
| | Total drain length=260.9m | | | | | | | | | |
| | Main bar 10mm dia bar @ 130mm | | | | | | | | | |
| | 0.60kg/mtr | | | | | | | | | |
| | No of U-bar=2007.00Nos | | 2007 | 2.15 | | 0.60 | 2588.7308 | | | |
| | Distribution bar | | | | | | | | | |
| | Distribution bar 08mm dia @ 150mm | | | | | | | | | |
| | 0.60kg/mtr | | 16 | 260.9 | | 0.60 | 2504.64 | | | |
| | | | | | | | 22828.334 | | | |
| | | | | | | **Present Qty** | **22.83** | **T** | **72326.98** | **1651104** |

Contractor PMC Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು/2019
ಯುಟಿಲಿಟಿ ಮತ್ತು ಭೂಸ್ವಾಧೀನ ವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106
23.11.2019

**Name of Work: Construction of RCC Drains and Culverts at Anugraha layout, Muniswamappa layout and Sai Nagar-2 And Surrounding area in ward No. 03, Yelahanka Satellite Town sub Division**

Date of Pre-Measurement : 3.1.2020

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 4 | Providing and laying plain/reinforced cement concrete for side drains walls and bottom raft thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates 0.43 cum machinacally mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinary, curing, etc., completed as per MORTH specifications No. 1500, 1700, 2200.<br>KPWD S.R 2018-19 It No. 37.59.2 Pg No. 271 | | | | | | | | | |
| | **New CC Drain** | | | | | | | | | |
| | **Bottom Raft** | | | | | | | | | |
| | **Sai Nagar Phase-2** | | | | | | | | | |
| | **2nd Main Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 15.6m | | 1 | 15.60 | 1.00 | 0.15 | 2.34 | | | |
| | Ch.15.6 to 18.6m | | 1 | 3.00 | 1.00 | 0.15 | 0.45 | | | |
| | Ch.18.6 to 35.5m | | 1 | 16.90 | 1.00 | 0.15 | 2.54 | | | |
| | Ch.35.5 to 38.0m | | 1 | 2.50 | 1.00 | 0.15 | 0.38 | | | |
| | Ch.38.0 to 68.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.68.0 to 71.7m | | 1 | 3.70 | 1.00 | 0.15 | 0.56 | | | |
| | Ch.71.7 to 74.7m | | 1 | 3.00 | 1.00 | 0.15 | 0.45 | | | |
| | Ch.74.7 to 91.3m | | 1 | 16.60 | 1.00 | 0.15 | 2.49 | | | |
| | Ch.91.3 to 99.4m | | 1 | 8.10 | 1.00 | 0.15 | 1.22 | | | |
| | Ch.99.4 to 108.2m | | 1 | 8.80 | 1.00 | 0.15 | 1.32 | | | |
| | Ch.108.2 to 114m | | 1 | 5.80 | 1.00 | 0.15 | 0.87 | | | |
| | Ch.114.0 to 117.5m | | 1 | 3.50 | 1.00 | 0.15 | 0.53 | | | |
| | Ch.117.5 to 123.8m | | 1 | 6.30 | 1.00 | 0.15 | 0.95 | | | |
| | Ch.123.8 to 132.8m | | 1 | 9.00 | 1.00 | 0.15 | 1.35 | | | |
| | Ch.132.8 to 135.8m | | 1 | 3.00 | 1.00 | 0.15 | 0.45 | | | |
| | Ch.135.8 to 158.2m | | 1 | 22.40 | 1.00 | 0.15 | 3.36 | | | |
| | Ch.158.2 to 161.7m | | 1 | 3.50 | 1.00 | 0.15 | 0.53 | | | |
| | Ch.161.7 to 191.30m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.191.30 to 213.0m | | 1 | 21.30 | 1.00 | 0.15 | 3.20 | | | |
| | Ch.213.0 to 218.7m | | 1 | 5.70 | 1.00 | 0.15 | 0.86 | | | |
| | Ch.218.7 to 248.7m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.248.7 to 250m | | 1 | 1.30 | 1.00 | 0.15 | 0.20 | | | |
| | **1st Main Road** | | | | | | | | | |
| | **LHS** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.30.0 to 35.6m | | 1 | 5.60 | 1.00 | 0.15 | 0.84 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.30.0 to 55.0m | | 1 | 25.00 | 1.00 | 0.15 | 3.75 | | | |
| | Ch.55.0 to 73.7m | | 1 | 18.70 | 1.00 | 0.15 | 2.81 | | | |
| | Ch.73.7 to 91.8m | | 1 | 18.10 | 1.00 | 0.15 | 2.72 | | | |
| | Ch.91.8 to 107.6m | | 1 | 15.80 | 1.00 | 0.15 | 2.37 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 15.3m | | 1 | 15.30 | 1.00 | 0.15 | 2.30 | | | |
| | Ch.15.3 to 31.3m | | 1 | 16.00 | 1.00 | 0.15 | 2.40 | | | |
| | Road Gap | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 12.7m | | 1 | 12.70 | 1.00 | 0.15 | 1.91 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | 1.00 | 0.15 | 3.95 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | 1.00 | 0.15 | 3.95 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 29.1m | | 1 | 29.10 | 1.00 | 0.15 | 4.37 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 20.3m | | 1 | 20.30 | 1.00 | 0.15 | 3.05 | | | |
| | Ch.20.3 to 29.8m | | 1 | 9.50 | 1.00 | 0.15 | 1.43 | | | |
| | Ch.29.8 to 40.2m | | 1 | 10.40 | 1.00 | 0.15 | 1.56 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.30.0 to 40.0m | | 1 | 10.00 | 1.00 | 0.15 | 1.50 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.30.0 to 38.0m | | 1 | 8.00 | 1.00 | 0.15 | 1.20 | | | |
| | **1st Cross Road** | | | | | | | | | |
| | **RHS From main road** | | | | | | | | | |
| | Ch.0.00 to 22.4m | | 1 | 22.40 | 1.00 | 0.15 | 3.36 | | | |
| | Ch.22.4 to 32.0m | | 1 | 9.60 | 1.00 | 0.15 | 1.44 | | | |
| | Ch.32.0 to 36.4m | | 1 | 4.40 | 1.00 | 0.15 | 0.66 | | | |
| | Ch.36.4 to 52.2m | | 1 | 15.80 | 1.00 | 0.15 | 2.37 | | | |
| | **LHS From End** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.30.0 to 52.4m | | 1 | 22.40 | 1.00 | 0.15 | 3.36 | | | |
| | **7th Cross Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.30.0 to 44.4m | | 1 | 14.40 | 1.00 | 0.15 | 2.16 | | | |
| | Ch.44.4 to 53.4m | | 1 | 9.00 | 1.00 | 0.15 | 1.35 | | | |
| | **RHS From main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.30.0 to 53.4m | | 1 | 23.40 | 1.00 | 0.15 | 3.51 | | | |
| | **Anugraha layout** | | | | | | | | | |
| | **2nd Cross Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | 1.00 | 0.15 | 1.56 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | 1.00 | 0.15 | 1.56 | | | |
| | **Side Wall** | | | | | | | | | |
| | **Sai Nagar Phase-2** | | | | | | | | | |
| | **2nd Main Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |

E & P C

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ch.0.00 to 15.6m | | | | | | | | | |
| Ch.15.6 to 18.6m | | 2 | 15.60 | 0.15 | 0.60 | 2.81 | | | |
| Ch.18.6 to 35.5m | | 2 | 3.00 | 0.15 | 0.60 | 0.54 | | | |
| Ch.35.5 to 38.0m | | 2 | 16.90 | 0.15 | 0.60 | 3.04 | | | |
| Ch.38.0 to 68.0m | | 2 | 2.50 | 0.15 | 0.60 | 0.45 | | | |
| Ch.68.0 to 71.7m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.71.7 to 74.7m | | 2 | 3.70 | 0.15 | 0.60 | 0.67 | | | |
| Ch.74.7 to 91.3m | | 2 | 3.00 | 0.15 | 0.60 | 0.54 | | | |
| Ch.91.3 to 99.4m | | 2 | 16.60 | 0.15 | 0.60 | 2.99 | | | |
| Ch.99.4 to 108.2m | | 2 | 8.10 | 0.15 | 0.60 | 1.46 | | | |
| Ch.108.2 to 114m | | 2 | 8.80 | 0.15 | 0.60 | 1.58 | | | |
| Ch.114.0 to 117.5m | | 2 | 5.80 | 0.15 | 0.60 | 1.04 | | | |
| Ch.117.5 to 123.8m | | 2 | 3.50 | 0.15 | 0.60 | 0.63 | | | |
| Ch.123.8 to 132.8m | | 2 | 6.30 | 0.15 | 0.60 | 1.13 | | | |
| Ch.132.8 to 135.8m | | 2 | 9.00 | 0.15 | 0.60 | 1.62 | | | |
| Ch.135.8 to 158.2m | | 2 | 3.00 | 0.15 | 0.60 | 0.54 | | | |
| Ch.158.2 to 161.7m | | 2 | 22.40 | 0.15 | 0.60 | 4.03 | | | |
| Ch.161.7 to 191.30m | | 2 | 3.50 | 0.15 | 0.60 | 0.63 | | | |
| Ch.191.30 to 213.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.213.0 to 218.7m | | 2 | 21.30 | 0.15 | 0.60 | 3.83 | | | |
| Ch.218.7 to 248.7m | | 2 | 5.70 | 0.15 | 0.60 | 1.03 | | | |
| Ch.248.7 to 250m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| **1st Main Road** | | 2 | 1.30 | 0.15 | 0.60 | 0.23 | | | |
| **LHS** | | | | | | | | | |
| Ch.0.00 to 30.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.30.0 to 35.6m | | 2 | 5.60 | 0.15 | 0.60 | 1.01 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 30.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.30.0 to 55.0m | | 2 | 25.00 | 0.15 | 0.60 | 4.50 | | | |
| Ch.55.0 to 73.7m | | 2 | 18.70 | 0.15 | 0.60 | 3.37 | | | |
| Ch.73.7 to 91.8m | | 2 | 18.10 | 0.15 | 0.60 | 3.26 | | | |
| Ch.91.8 to 107.6m | | 2 | 15.80 | 0.15 | 0.60 | 2.84 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 15.3m | | 2 | 15.30 | 0.15 | 0.60 | 2.75 | | | |
| Ch.15.3 to 31.3m | | 2 | 16.00 | 0.15 | 0.60 | 2.88 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 30.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.30.0 to 60.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| **RHS From end** | | | | | | | | | |
| Ch.0.00 to 12.7m | | 2 | 12.70 | 0.18 | 0.60 | 2.29 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 26.3m | | 2 | 26.30 | 0.15 | 0.60 | 4.73 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 26.3m | | 2 | 26.30 | 0.15 | 0.60 | 4.73 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 29.1m | | 2 | 29.10 | 0.15 | 0.60 | 5.24 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 20.3m | | 2 | 20.30 | 0.15 | 0.60 | 3.65 | | | |
| Ch.20.3 to 29.8m | | 2 | 9.50 | 0.15 | 0.60 | 1.71 | | | |
| Ch.29.8 to 40.2m | | 2 | 10.40 | 0.15 | 0.60 | 1.87 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 30.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.30.0 to 40.0m | | 2 | 10.00 | 0.15 | 0.60 | 1.80 | | | |
| Road Gap | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| Ch.0.00 to 30.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.30.0 to 38.0m | | 2 | 8.00 | 0.15 | 0.60 | 1.44 | | | |
| **1st Cross Road** | | | | | | | | | |
| **RHS From main road** | | | | | | | | | |
| Ch.0.00 to 22.4m | | 2 | 22.40 | 0.15 | 0.60 | 4.03 | | | |
| Ch.22.4 to 32.0m | | 2 | 9.60 | 0.15 | 0.60 | 1.73 | | | |
| Ch.32.0 to 36.4m | | 2 | 4.40 | 0.15 | 0.60 | 0.79 | | | |
| Ch.36.4 to 52.2m | | 2 | 15.80 | 0.15 | 0.60 | 2.84 | | | |
| **LHS From End** | | | | | | | | | |
| Ch.0.00 to 30.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.30.0 to 52.4m | | 2 | 22.40 | 0.15 | 0.60 | 4.03 | | | |
| **7th Cross Road** | | | | | | | | | |
| **LHS from main road** | | | | | | | | | |
| Ch.0.00 to 30.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.30.0 to 44.4m | | 2 | 14.40 | 0.15 | 0.60 | 2.59 | | | |
| Ch.44.4 to 53.4m | | 2 | 9.00 | | | | | | |
| **RHS From main road** | | | | | | | | | |
| Ch.0.00 to 30.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.30.0 to 53.4m | | 2 | 23.40 | 0.15 | 0.60 | 4.21 | | | |
| **Anugraha layout** | | | | | | | | | |
| **2nd Cross Road** | | | | | | | | | |
| **LHS from main road** | | | | | | | | | |
| Ch.0.00 to 30.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.30.0 to 60.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.60.0 to 90.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.90.0 to 120.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.120.0 to 130.4m | | 2 | 10.40 | 0.15 | 0.60 | 1.87 | | | |
| **RHS From end** | | | | | | | | | |
| Ch.0.00 to 30.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.30.0 to 60.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.60.0 to 90.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.90.0 to 120.0m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | | | |
| Ch.120.0 to 130.4m | | 2 | 10.40 | 0.15 | 0.60 | 1.87 | | | |
| | | | | | **Present Qty** | 384.25 | Cum | 7070.20 | 2716717 |

Contractor PMC Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಜ.ಪಾ.ಪ್ರಾ.ಲಿ ಬೆಂಗಳೂರು-106

**Name of Work: Construction of RCC Drains and Culverts at Anugraha layout, Muniswamappa layout and Sai Nagar-2 And Surrounding area in ward No. 03, Yelahanka Satellite Town sub Division**

Date of Pre-Measurment 24.1.2020

Detailed Measurments

| Item No | Discription of Item | | Unit | Rate | Amount |
|---|---|---|---|---|---|
| 1 | KSRRB300-1. Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the dispossed earth to be levelled neatly after breaking of clods completed as per specifications.<br>KPWD S.R 2018-19. It No. 19.10 Pg No. 130 | | | | |
| | | **Present Qty 1314.65** | **Cum** | **211.79** | **278430** |
| 2 | KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including cost of materials, labour, HOM completed as per specifications.<br>KPWD S.R 2019-19. It No. 34.1 Pg No. 254 | | | | |
| | | **Present Qty 210.61** | **Cum** | **4479.56** | **943440** |
| 3 | KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.<br>KPWD S.R 2018-19. It No. 34.1 Pg No. 254 | | | | |
| | | **Present Qty 22.83** | **Cum** | **72326.98** | **1651225** |
| 4 | Providing and laying plain/reinforced cement concrete for side drains walls and bottom raft thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates 0.43 cum machinacally mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinary, curing, etc., completed as per MORTH specifications No. 1500, 1700, 2200.<br>KPWD S.R 2018-19 It No. 37.59.2. Pg No. 271 | | | | |
| | | **Present Qty 384.25** | **Cum** | **7070.20** | **2716724** |

Contractor PMO Assistant Engineer

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ಯಲಹಂಕ ಉಪವಿಭಾಗ ಸಂಖ್ಯೆ:
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

24.1.2020

**Name of Work: Construction of RCC Drains and Culverts at Anugraha layout, Muniswamappa layout and Sai Nagar-2 And Surrounding area in ward No. 03, Yelahanka Satellite Town sub Division**

Date of Pre-Measurement : 27.1.2020

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 5 | Supplying and Fixing precast reinforced concrete slab 100mm thick of mix M20 using 20mm and down size graded granite metal using reinforced 10mm dia steel at 150mm C/C both ways cost of transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials. | | | | | | | | | |
| | **Cover Slabs** | | | | | | | | | |
| | **Sai Nagar Phase-2** | | | | | | | | | |
| | **2nd Main Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 15.6m | | 1 | 15.60 | 0.90 | | 14.04 | | | |
| | Ch.15.6 to 18.6m | | 1 | 3.00 | 0.90 | | 2.70 | | | |
| | Ch.18.6 to 35.5m | | 1 | 16.90 | 0.90 | | 15.21 | | | |
| | Ch.35.5 to 38.0m | | 1 | 2.50 | 0.90 | | 2.25 | | | |
| | Ch.38.0 to 68.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| | Ch.68.0 to 71.7m | | 1 | 3.70 | 0.90 | | 3.33 | | | |
| | Ch.71.7 to 74.7m | | 1 | 3.00 | 0.90 | | 2.70 | | | |
| | Ch.74.7 to 91.3m | | 1 | 16.60 | 0.90 | | 14.94 | | | |
| | Ch.91.3 to 99.4m | | 1 | 8.10 | 0.90 | | 7.29 | | | |
| | Ch.99.4 to 108.2m | | 1 | 8.80 | 0.90 | | 7.92 | | | |
| | Ch.108.2 to 114m | | 1 | 5.80 | 0.90 | | 5.22 | | | |
| | Ch.114.0 to 117.5m | | 1 | 3.50 | 0.90 | | 3.15 | | | |
| | Ch.117.5 to 123.8m | | 1 | 6.30 | 0.90 | | 5.67 | | | |
| | Ch.123.8 to 132.8m | | 1 | 9.00 | 0.90 | | 8.10 | | | |
| | Ch.132.8 to 135.8m | | 1 | 3.00 | 0.90 | | 2.70 | | | |
| | Ch.135.8 to 158.2m | | 1 | 22.40 | 0.90 | | 20.16 | | | |
| | Ch.158.2 to 161.7m | | 1 | 3.50 | 0.90 | | 3.15 | | | |
| | Ch.161.7 to 191.30m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| | Ch.191.30 to 213.0m | | 1 | 21.30 | 0.90 | | 19.17 | | | |
| | Ch.213.0 to 218.7m | | 1 | 5.70 | 0.90 | | 5.13 | | | |
| | Ch.218.7 to 248.7m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| | Ch.248.7 to 250m | | 1 | 1.30 | 0.90 | | 1.17 | | | |
| | **1st Main Road** | | | | | | | | | |
| | **LHS** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| | Ch.30.0 to 35.6m | | 1 | 5.60 | 0.90 | | 5.04 | | | |
| | Road Gap | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| | Ch.0.00 to 30.0m | | 1 | 25.00 | 0.90 | | 22.50 | | | |
| | Ch.30.0 to 55.0m | | 1 | 18.70 | 0.90 | | 16.83 | | | |
| | Ch.55.0 to 73.7m | | 1 | 18.10 | 0.90 | | 16.29 | | | |
| | Ch.73.7 to 91.8m | | 1 | 15.80 | 0.90 | | 14.22 | | | |
| | Ch.91.8 to 107.6m | | 1 | 15.30 | 0.90 | | 13.77 | | | |
| | Road Gap | | 1 | 16.00 | 0.90 | | 14.40 | | | |
| | Ch.0.00 to 15.3m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| | Ch.15.3 to 31.3m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 12.70 | 0.90 | | 11.43 | | | |
| | Ch.30.0 to 60.0m | | | | | | | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 12.7m | | | | | | | | | |

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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Road Gap | | | | | | | | | | |
| Ch.0.00 to 26.3m | | 1 | 26.30 | 0.90 | | 23.67 | | | | |
| Road Gap | | | | | | | | | | |
| Ch.0.00 to 26.3m | | 1 | 26.30 | 0.90 | | 23.67 | | | | |
| Road Gap | | | | | | | | | | |
| Ch.0.00 to 29.1m | | 1 | 29.10 | 0.90 | | 26.19 | | | | |
| Road Gap | | | | | | | | | | |
| Ch.0.00 to 20.3m | | 1 | 20.30 | 0.90 | | 18.27 | | | | |
| Ch.20.3 to 29.8m | | 1 | 9.50 | 0.90 | | 8.55 | | | | |
| Ch.29.8 to 40.2m | | 1 | 10.40 | 0.90 | | 9.36 | | | | |
| Road Gap | | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.30.0 to 40.0m | | 1 | 10.00 | 0.90 | | 9.00 | | | | |
| Road Gap | | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.30.0 to 38.0m | | 1 | 8.00 | 0.90 | | 7.20 | | | | |
| **1st Cross Road** | | | | | | | | | | |
| **RHS From main road** | | | | | | | | | | |
| Ch.0.00 to 22.4m | | 1 | 22.40 | 0.90 | | 20.16 | | | | |
| Ch.22.4 to 32.0m | | 1 | 9.60 | 0.90 | | 8.64 | | | | |
| Ch.32.0 to 36.4m | | 1 | 4.40 | 0.90 | | 3.96 | | | | |
| Ch.36.4 to 52.2m | | 1 | 15.80 | 0.90 | | 14.22 | | | | |
| **LHS From End** | | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.30.0 to 52.4m | | 1 | 22.40 | 0.90 | | 20.16 | | | | |
| **7th Cross Road** | | | | | | | | | | |
| **LHS from main road** | | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.30.0 to 44.4m | | 1 | 14.40 | 0.90 | | 12.96 | | | | |
| Ch.44.4 to 53.4m | | 1 | 9.00 | | | | | | | |
| **RHS From main road** | | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.30.0 to 53.4m | | 1 | 23.40 | 0.90 | | 21.06 | | | | |
| **Anugraha layout** | | | | | | | | | | |
| **2nd Cross Road** | | | | | | | | | | |
| **LHS from main road** | | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.30.0 to 60.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.60.0 to 90.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.90.0 to 120.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.120.0 to 130.4m | | 1 | 10.40 | 0.90 | | 9.36 | | | | |
| **RHS From end** | | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.30.0 to 60.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.60.0 to 90.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.90.0 to 120.0m | | 1 | 30.00 | 0.90 | | 27.00 | | | | |
| Ch.120.0 to 130.4m | | 1 | 10.40 | 0.90 | | 9.36 | | | | |
| | | | | | Present Qty | 1044.27 | Sqm | 2337.6 | | 2440458.99 |

Contractor PMC Assistant Engineer

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27.1.2020

Name of Work: **Construction of RCC Drains and Culverts at Anugraha layout, Muniswamappa layout and Sai Nagar-2 And Surrounding area in ward No. 03, Yelahanka Satellite Town sub Division**

Date of Pre-Measurement : 29.1.2020

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | providing and fixing Pre cast solid concrete kerb stones of size 450x200x400 mm made of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., completed. KPWD S.R 2018-19 It No. 5.29.1. Pg No. 27 | | | | | | | | | |
| | **Kerb Stones** | | | | | | | | | |
| | **Sai Nagar Phase-2** | | | | | | | | | |
| | **2nd Main Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 15.6m | | 1 | 15.60 | | | 34 | | | |
| | Ch.15.6 to 18.6m | | 1 | 3.00 | | | 7 | | | |
| | Ch.18.6 to 35.5m | | 1 | 16.90 | | | 37 | | | |
| | Ch.35.5 to 38.0m | | 1 | 2.50 | | | 6 | | | |
| | Ch.38.0 to 68.0m | | 1 | 30.00 | | | 66 | | | |
| | Ch.68.0 to 71.7m | | 1 | 3.70 | | | 8 | | | |
| | Ch.71.7 to 74.7m | | 1 | 3.00 | | | 7 | | | |
| | Ch.74.7 to 91.3m | | 1 | 16.60 | | | 37 | | | |
| | Ch.91.3 to 99.4m | | 1 | 8.10 | | | 18 | | | |
| | Ch.99.4 to 108.2m | | 1 | 8.80 | | | 19 | | | |
| | Ch.108.2 to 114m | | 1 | 5.80 | | | 13 | | | |
| | Ch.114.0 to 117.5m | | 1 | 3.50 | | | 8 | | | |
| | Ch.117.5 to 123.8m | | 1 | 6.30 | | | 14 | | | |
| | Ch.123.8 to 132.8m | | 1 | 9.00 | | | 20 | | | |
| | Ch.132.8 to 135.8m | | 1 | 3.00 | | | 7 | | | |
| | Ch.135.8 to 158.2m | | 1 | 22.40 | | | 49 | | | |
| | Ch.158.2 to 161.7m | | 1 | 3.50 | | | 8 | | | |
| | Ch.161.7 to 191.30m | | 1 | 30.00 | | | 66 | | | |
| | Ch.191.30 to 213.0m | | 1 | 21.30 | | | 47 | | | |
| | Ch.213.0 to 218.7m | | 1 | 5.70 | | | 13 | | | |
| | Ch.218.7 to 248.7m | | 1 | 30.00 | | | 66 | | | |
| | Ch.248.7 to 250m | | 1 | 1.30 | | | 3 | | | |
| | **1st Main Road** | | | | | | | | | |
| | **LHS** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | | | 66 | | | |
| | Ch.30.0 to 35.6m | | 1 | 5.60 | | | 12 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | | | 66 | | | |
| | Ch.30.0 to 55.0m | | 1 | 25.00 | | | 55 | | | |
| | Ch.55.0 to 73.7m | | 1 | 18.70 | | | 41 | | | |
| | Ch.73.7 to 91.8m | | 1 | 18.10 | | | 40 | | | |
| | Ch.91.8 to 107.6m | | 1 | 15.80 | | | 35 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 15.3m | | 1 | 15.30 | | | 34 | | | |
| | Ch.15.3 to 31.3m | | 1 | 16.00 | | | 35 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | | | 66 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | | | 66 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 12.7m | | 1 | 12.70 | | | 28 | | | |
| | Road Gap | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Ch.0.00 to 26.3m | | 1 | 26.30 | | | 58 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 26.3m | | 1 | 26.30 | | | 58 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 29.1m | | 1 | 29.10 | | | 64 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 20.3m | | 1 | 20.30 | | | 45 | | | |
| Ch.20.3 to 29.8m | | 1 | 9.50 | | | 21 | | | |
| Ch.29.8 to 40.2m | | 1 | 10.40 | | | 23 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | | | 66 | | | |
| Ch.30.0 to 40.0m | | 1 | 10.00 | | | 22 | | | |
| Road Gap | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | | | 66 | | | |
| Ch.30.0 to 38.0m | | 1 | 8.00 | | | 18 | | | |
| **Anugraha layout** | | | | | | | | | |
| **2nd Cross Road** | | | | | | | | | |
| **LHS from main road** | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | | | 66 | | | |
| Ch.30.0 to 60.0m | | 1 | 30.00 | | | 66 | | | |
| Ch.60.0 to 90.0m | | 1 | 30.00 | | | 66 | | | |
| Ch.90.0 to 120.0m | | 1 | 30.00 | | | 66 | | | |
| Ch.120.0 to 130.4m | | 1 | 10.40 | | | 23 | | | |
| **RHS From end** | | | | | | | | | |
| Ch.0.00 to 30.0m | | 1 | 30.00 | | | 66 | | | |
| Ch.30.0 to 60.0m | | 1 | 30.00 | | | 66 | | | |
| Ch.60.0 to 90.0m | | 1 | 30.00 | | | 66 | | | |
| Ch.90.0 to 120.0m | | 1 | 30.00 | | | 66 | | | |
| Ch.120.0 to 130.4m | | 1 | 10.40 | | | 23 | | | |
| | | | | | **Present Qty** | **2107** | **Nos** | **477.00** | **1005220** |

Contractor

PMC

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎ.ಪ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer

29.1.2020

**Name of Work: Construction of RCC Drains and Culverts at Anugraha layout, Muniswamappa layout and Sai Nagar-2 And Surrounding area in ward No. 03, Yelahanka Satellite Town sub Division**

Date of Pre-Measurement : 6.2.2020

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 7 | KSRRB 800-1. Painting two coats after filling the surface with synthentic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour completed as per specifications. KPWD S.R 2018-19 | It No. | | 24.1 | Pg No. | 180 | | | | |
| | **New Kerb Stones** | | | | | | | | | |
| | **Sai Nagar Phase-2** | | | | | | | | | |
| | **2nd Main Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 15.6m | | 1 | 15.60 | | 0.35 | 5.5 | | | |
| | Ch.15.6 to 18.6m | | 1 | 3.00 | | 0.35 | 1.1 | | | |
| | Ch.18.6 to 35.5m | | 1 | 16.90 | | 0.35 | 5.9 | | | |
| | Ch.35.5 to 38.0m | | 1 | 2.50 | | 0.35 | 0.9 | | | |
| | Ch.38.0 to 68.0m | | 1 | 30.00 | | 0.35 | 10.5 | | | |
| | Ch.68.0 to 71.7m | | 1 | 3.70 | | 0.35 | 1.3 | | | |
| | Ch.71.7 to 74.7m | | 1 | 3.00 | | 0.35 | 1.1 | | | |
| | Ch.74.7 to 91.3m | | 1 | 16.60 | | 0.35 | 5.8 | | | |
| | Ch.91.3 to 99.4m | | 1 | 8.10 | | 0.35 | 2.8 | | | |
| | Ch.99.4 to 108.2m | | 1 | 8.80 | | 0.35 | 3.1 | | | |
| | Ch.108.2 to 114m | | 1 | 5.80 | | 0.35 | 2.0 | | | |
| | Ch.114.0 to 117.5m | | 1 | 3.50 | | 0.35 | 1.2 | | | |
| | Ch.117.5 to 123.8m | | 1 | 6.30 | | 0.35 | 2.2 | | | |
| | Ch.123.8 to 132.8m | | 1 | 9.00 | | 0.35 | 3.2 | | | |
| | Ch.132.8 to 135.8m | | 1 | 3.00 | | 0.35 | 1.1 | | | |
| | Ch.135.8 to 158.2m | | 1 | 22.40 | | 0.35 | 7.8 | | | |
| | Ch.158.2 to 161.7m | | 1 | 3.50 | | 0.35 | 1.2 | | | |
| | Ch.161.7 to 191.30m | | 1 | 30.00 | | 0.35 | 10.5 | | | |
| | Ch.191.30 to 213.0m | | 1 | 21.30 | | 0.35 | 7.5 | | | |
| | Ch.213.0 to 218.7m | | 1 | 5.70 | | 0.33 | 1.9 | | | |
| | Ch.218.7 to 248.7m | | 1 | 30.00 | | 0.33 | 9.9 | | | |
| | Ch.248.7 to 250m | | 1 | 1.30 | | 0.33 | 0.4 | | | |
| | **1st Main Road** | | | | | | | | | |
| | **LHS** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | | 0.36 | 10.8 | | | |
| | Ch.30.0 to 35.6m | | 1 | 5.60 | | 0.36 | 2.0 | | | |
| | Road Gap | | 1 | 30.00 | | 0.38 | 11.4 | | | |
| | Ch.0.00 to 30.0m | | 1 | 25.00 | | 0.38 | 9.5 | | | |
| | Ch.30.0 to 55.0m | | 1 | 18.70 | | 0.38 | 7.1 | | | |
| | Ch.55.0 to 73.7m | | 1 | 18.10 | | 0.38 | 6.9 | | | |
| | Ch.73.7 to 91.8m | | 1 | 15.80 | | 0.38 | 6.0 | | | |
| | Ch.91.8 to 107.6m | | 1 | 15.30 | | 0.37 | 5.7 | | | |
| | Road Gap | | 1 | 16.00 | | 0.37 | 5.9 | | | |
| | Ch.0.00 to 15.3m | | 1 | 30.00 | | 0.39 | 11.7 | | | |
| | Ch.15.3 to 31.3m | | 1 | 30.00 | | 0.39 | 11.7 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | | | | | | | | |
| | Ch.30.0 to 60.0m | | 1 | 12.70 | | 0.40 | 5.1 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 12.7m | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | | 0.40 | 10.5 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 26.3m | | 1 | 26.30 | | 0.40 | 10.5 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 29.1m | | 1 | 29.10 | | 0.40 | 11.6 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 20.3m | | 1 | 20.30 | | 0.39 | 7.9 | | | |
| | Ch.20.3 to 29.8m | | 1 | 9.50 | | 0.39 | 3.7 | | | |
| | Ch.29.8 to 40.2m | | 1 | 10.40 | | 0.39 | 4.1 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | | 0.40 | 12.0 | | | |
| | Ch.30.0 to 40.0m | | 1 | 10.00 | | 0.40 | 4.0 | | | |
| | Road Gap | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | | 0.40 | 12.0 | | | |
| | Ch.30.0 to 38.0m | | 1 | 8.00 | | 0.40 | 3.2 | | | |
| | **Anugraha layout** | | | | | | | | | |
| | **2nd Cross Road** | | | | | | | | | |
| | **LHS from main road** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | | 0.38 | 11.4 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | | 0.38 | 11.4 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | | 0.38 | 11.4 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | | 0.38 | 11.4 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | | 0.38 | 4.0 | | | |
| | **RHS From end** | | | | | | | | | |
| | Ch.0.00 to 30.0m | | 1 | 30.00 | | 0.36 | 10.8 | | | |
| | Ch.30.0 to 60.0m | | 1 | 30.00 | | 0.36 | 10.8 | | | |
| | Ch.60.0 to 90.0m | | 1 | 30.00 | | 0.36 | 10.8 | | | |
| | Ch.90.0 to 120.0m | | 1 | 30.00 | | 0.36 | 10.8 | | | |
| | Ch.120.0 to 130.4m | | 1 | 10.40 | | 0.36 | 3.7 | | | |
| | | | | | | **Present Qty** | 356.6 | Sqm | 84.80 | 30238 |
| | | | | | | **Total** | | | | 9065597 |
| | | | | | | **12% GST** | | | | 1087872 |
| | | | | | | **4% KRIDL charges** | | | | 362624 |
| | | | | | | **Grand Total** | | | | 10516092 |

Contractor PMC Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106
6/2/2020